

09928417_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09928417 on July 01, 2004

- 9 455/333 (1 OR, 8 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/313 .Frequency modifying or conversion
455/323 ..Particular frequency conversion structure or
circuitry
455/333 ...Transistor or integrated circuit
- 7 455/323 (2 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/313 .Frequency modifying or conversion
455/323 ..Particular frequency conversion structure or
circuitry
- 6 331/117D (1 OR, 5 XR)
Class 331 : OSCILLATORS
331/107R SOLID STATE ACTIVE ELEMENT OSCILLATOR
331/108R .Transistors
331/117R ..L-C type
331/117D ...Distributed parameter resonator transistor
oscillators
- 6 455/325 (1 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/313 .Frequency modifying or conversion
455/323 ..Particular frequency conversion structure or
circuitry
455/325 ...Including distributed electrical parameter
structure
- 6 455/327 (2 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/313 .Frequency modifying or conversion
455/323 ..Particular frequency conversion structure or
circuitry
455/325 ...Including distributed electrical parameter

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structure

455/326With balanced mixer
455/327Stripline

5 327/113 (2 OR, 3 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
327/113 .Frequency or repetition rate conversion or
control

5 331/99 (3 OR, 2 XR)
Class 331 : OSCILLATORS
331/96 WITH DISTRIBUTED PARAMETER RESONATOR
331/99 .Parallel wire type

5 455/318 (1 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/313 .Frequency modifying or conversion
455/318 ..With specified local oscillator structure or
coupling

4 327/105 (2 OR, 2 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
327/105 .Synthesizer

4 331/117FE (0 OR, 4 XR)
Class 331 : OSCILLATORS
331/107R SOLID STATE ACTIVE ELEMENT OSCILLATOR
331/108R .Transistors
331/117R ..L-C type
331/117FE ...Field-effect transistor active element

4 348/731 (1 OR, 3 XR)
Class 348 : TELEVISION
348/725 RECEIVER CIRCUITRY
348/731 .Tuning

3 327/355 (1 OR, 2 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/334 SPECIFIC INPUT TO OUTPUT FUNCTION
327/355 .Combining of plural signals

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- 3 455/314 (1 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/313 .Frequency modifying or conversion
 - 455/314 ..Plural separate successive conversions

- 3 455/319 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/313 .Frequency modifying or conversion
 - 455/318 ..With specified local oscillator structure or coupling
 - 455/319 ...With particular coupling

- 3 455/330 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/313 .Frequency modifying or conversion
 - 455/323 ..Particular frequency conversion structure or circuitry
 - 455/325 ...Including distributed electrical parameter structure
 - 455/330With nonlinear impedance (e.g., diode)

- 3 725/68 (2 OR, 1 XR)
 - Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 - 725/63 SATELLITE VIDEO DISTRIBUTION SYSTEM
 - 725/68 .Receiver

- 2 333/247 (0 OR, 2 XR)
 - Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
 - 333/245 LONG LINE ELEMENTS AND COMPONENTS
 - 333/246 .Strip type
 - 333/247 ..Semiconductor mounts

- 2 343/786 (0 OR, 2 XR)
 - Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 - 343/700R ANTENNAS
 - 343/772 .Wave guide type (e.g., horn)
 - 343/786 ..With horn

- 2 348/729 (1 OR, 1 XR)
 - Class 348 : TELEVISION
 - 348/725 RECEIVER CIRCUITRY
 - 348/729 .Television receiver adapted to receive radio

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iver broadcast or in combination with radio rece

- 2 455/189.1 (1 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/150.1 .Signal selection based on frequency (e.g., tuning)
 - 455/188.1 ..Band selection
 - 455/189.1 ...With plural separate mixer or converter circuits

- 2 455/190.1 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/150.1 .Signal selection based on frequency (e.g., tuning)
 - 455/188.1 ..Band selection
 - 455/190.1 ...With frequency conversion

- 2 455/301 (1 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/296 .Noise or interference elimination
 - 455/300 ..By shielding
 - 455/301 ...Plural or compartmented shielding structure

- 2 455/313 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/313 .Frequency modifying or conversion

- 2 455/316 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/313 .Frequency modifying or conversion
 - 455/314 ..Plural separate successive conversions
 - 455/315 ...With plural separate local oscillators
 - 455/316With frequency stabilization for at least one local oscillator

- 2 455/328 (1 OR, 1 XR)

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 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
 455/313 .Frequency modifying or conversion
 455/323 ..Particular frequency conversion structure or
 circuitry
 455/325 ...Including distributed electrical parameter
 structure
 455/326With balanced mixer
 455/328Hollow waveguide

2 455/86 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
 455/84 .With a common signal processing stage
 455/86 ..Transmitter oscillator used as local
 oscillator

2 725/131 (0 OR, 2 XR)
 Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
 COMMUNICATION
 725/131 .Receiver (e.g., set-top box)

2 725/73 (2 OR, 0 XR)
 Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 725/73 TERRESTRIAL MICROWAVE VIDEO DISTRIBUTION SYSTE

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Most Frequently Occurring Classifications of Patents Returned
From A Search of 09928417 on July 01, 2004

Original Classifications

3 331/99
2 327/105
2 327/113
2 455/323
2 455/327
2 725/68
2 725/73

Cross-Reference Classifications

8 455/333
5 331/117D
5 455/323
5 455/325
4 331/117FE
4 455/318
4 455/327
3 327/113
3 348/731
3 455/319
3 455/330
2 327/105
2 327/355
2 331/99
2 333/247
2 343/786
2 455/190.1
2 455/313
2 455/314
2 455/316
2 725/131

Combined Classifications

9 455/333
7 455/323
6 331/117D
6 455/325
6 455/327
5 327/113
5 331/99
5 455/318
4 327/105
4 331/117FE
4 348/731

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3 327/355
3 455/314
3 455/319
3 455/330
3 725/68
2 333/247
2 343/786
2 348/729
2 455/189.1
2 455/190.1
2 455/301
2 455/313
2 455/316
2 455/328
2 455/86
2 725/131
2 725/73

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PLUS Search Results for S/N 09928417, Searched July 01, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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5465418 68
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4996718 56
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5689819 56
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4320536 55
5677621 55

ability 1
above 5
abstract 1
accompanying 1
according 1
achieve 2
adopted 1
adversely 1
affect 1
amplifier 10
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an 4
and 28
andan 1
are 2
as 17
at 6
background 1
basic 3
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best 1
between 10
bipolar 12
bjt 1
brief 1
by 4
can 1
case 1
circuit 5
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connect 2
connected 5
connection 2
consumption 3
conventional 5
converter 17
described 1
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desirable 1
detailed 2
develop 1
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disclosure 1
down 17
drawbacks 1
drawings 2

effect 7
 eliminate 8
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 field 8
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 for 4
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 mesfet 3
 method 8
 mhz 3
 mixer 8

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 oscillators 8
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 replacing 1
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 satellite 17
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 serially 6
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 signal 1
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 so 1
 structure 2

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the 63
thereof 1
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to 32
transistor 18
transistors 2
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